

RELEASE NOTES - OPUP BUILD 9.0

Enhancements and Change Information for OPUP Build 9.0

This page contains the enhancement and change information occurring with OPUP Build 9 software. The remainder of the document contains minor problems along with workarounds, solutions, and explanations of functionality .

OPUP Software Build 9 provides the following enhancements:

- Machine Intelligent Gust Front Algorithm (MIGFA)
- MDA alerting categories and combined attributes changes
- Improved Alert Pop-ups windows and Audio Alarm
- The Audio Alert associated with the Alert Acknowledge Dialog Window will sound continuously until the user acknowledges the alert. See EHB 536, Chapter 5.
- Allows a regular user to create a custom map with level 2 access word
- Improved Savelog utility and management of files
- Improved Data ingest on Large OPUP with 15+ dedicated radars
- Network maps and interface added to support more radar sites for the 17 OWS
- Updated OPUP virus scanning software
- Updated Solaris Operating System with latest security patches

NOTE: Adaptation Data and Configuration Data from Build 7 and earlier are
NOT compatible with Build 9.

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1 Product Display GUI Anomalies

1.1 The hardcopy color bar does not match the PDGUI color bar.

Problem: Due to software changes, the PDGUI color bar was changed on several products. Some products had the color bar completely removed [Storm Structure, User Alert Message, Free Text Message, Storm Tracking Information, and MIGFA]. Some products had their special characters placed in the color bar area [Hail Index, Mesocyclone, Tornado Vortex Signature, Mesocyclone Rapid Update, Mesocyclone Detection, & Tornado Rapid Update]. The Clutter Filter Control product also had text added to the color bar.

When the products are printed, the OLD color bar [i.e., with "0"] is on the hardcopy.

Solution: This will be corrected in Build 10.

2 Power Management

2.1 Can't change Power Manager.

Problem: Power Management does not work on OPUP Build 9. The Solaris 8 dtpower agent and required patched version of Java are incompatible. Power Management has been disabled for Build 9 (so it will function as if it was disabled via the dtpower interface). The buttons do give an error, but cause no problem to the system.

Solution: Power Management will return to normal functionality with Solaris 10.

3 Background Maps

3.1 No Background Maps Associated with New MIGFA Product

Problem: In Build 9, OPUP added the MIGFA product. However there are no background maps associated with this product.

Solution: To associate maps with the new product, perform the procedures in AF TO 31P1-1-4-108-461-1, paragraph 9.5.3.1.

4 Products

4.1 May Not Receive MD and DMD Products

Problem: When no MDs features are detected for a volume scan, under certain conditions the MD and DMD products, if requested, are not generated. Again, this only occurs when there are no MD features found for the volume scan. If the products had been generated, they would have been empty.

There are no task failures associated with this problem. However, a Volume Scan Aborted message for the MD/DMD products [IDs 141 and 149] may be observed on the status log of your display system.

Solution: This problem will be corrected in Build 10.0.